

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 156321-2 DK	<b>FOR FURTHER ACTION</b> <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. PCT/IL04/01064	International filing date ( <i>day/month/year</i> ) 18 November 2004 (18.11.2004)	(Earliest) Priority Date ( <i>day/month/year</i> )
Applicant CHAMELEON MEDICAL INNOVATION LTD.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the Report**

a. With regard to the language, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed.  
☐ a translation of the international application into \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box No. II)

3. ☐ Unity of invention is lacking (See Box No. III)

4. With regard to the title,

- ☒ the text is approved as submitted by the applicant.  
☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

- ☐ the text is approved as submitted by the applicant.  
☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1a

- ☒ as suggested by the applicant.  
☐ as selected by this Authority, because the applicant failed to suggest a figure.  
☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL04/01064

### Box IV TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

The abstract is too long (PCT Rule 8.1(b)). The abstract must be less than 150 words, or 200 words when no figure is to be published.

A measurement system and method are presented for use in detecting a predetermined condition of a patient's ear indicative of a certain disease. The system comprises an optical measuring unit and a control unit connectable to the output of the measuring unit. The optical measuring unit is used for irradiating a region of interest in a patient's ear with incident light, detecting light responses of the region of interest, and producing measured data.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL04/01064

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(8) : A61B 6/00,5/00 US CL : 600/475,559 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, E --- A	WO 2004/110265 A1 (ATOS MEDICAL AB) 23 December 2004 (23.12.2004), entire document	1, 9-13, 15, 51-58, 84-91, and 93-100
Y	US 5,213,099 A (Tripp, Jr.) 25 May 1993 (25.05.1993), col. 2 line 12-28, col. 3 line 31-32.	2-8
Y	US 5,280,788 A (Janes et al.) 25 January 1994 (25.01.1994), col. 4 line 62 - col. 5 line 4, col. 6 line 25-26.	14, 16-22, 59, 60, 68
Y	US 4,576,436 A (Daniel) 18 March 1986 (18.03.1986), abstract, col. 3 line 17-20.	61-65, 67
Y	US 6,319,199 B1 (Sheehan et al.) 20 November 2001 (20.11.2001), col. 1 line 8-13).	66
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 03 February 2006 (03.02.2006)		Date of mailing of the international search report 06 APR 2006
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Authorized officer Jacqueline Cheng Telephone No. 571-272-5596

Form PCT/ISA/210 (second sheet) (April 2005)

BEST AVAILABLE COPY